CLAIM AMENDMENTS

1. (Currently Amended) A method comprising:

~~positioning a plurality of wireless tags around a facility;~~

~~providing a sensor associated with a user, said sensor to sense the tags to determine the position of the a user in the facility;~~

~~providing the position information to a server;~~

wirelessly linking a plurality of shopping carts within a retail facility through a local area network based in the retail facility ~~using said server~~; and

enabling the carts to communicate with one another through said network.

2. (Canceled)

3. (Previously Presented) The method of claim 1 including providing a processor-based device on a shopping cart to retail customers that wirelessly communicates with a server.

4. (Previously Presented) The method of claim 1 including pushing information to the cart depending on the cart's current location.

5. (Original) The method of claim 1 including providing a plurality of sensors associated with the user, each sensor to sense the tags to determine the position of the user in the facility.

6. (Original) The method of claim 1 including providing said sensor on a shopping cart.

7. (Original) The method of claim 1 including receiving identifying information from each of a plurality of wireless tags.

8. (Original) The method of claim 7 including providing said information from said wireless tags to a server.

9. (Original) The method of claim 7 including using said information from said wireless tags to determine the current location of the user.

10. (Canceled)

11. (Previously Presented) An article comprising a medium storing instructions that, if executed, enable a processor-based system to:

receive information from a plurality of wireless tags distributed about a facility;

analyze information from the tags to determine the current location of a user;

wirelessly link a plurality of shopping carts within the retail facility through a local area network based in the retail facility; and

enable the carts to exchange information among the carts through said network.

12. (Canceled)

13. (Previously Presented) The article of claim 11 further storing instructions that enable the processor-based system to provide information about the current location of a processor-based device associated with a cart.

14. (Original) The article of 13 further storing instructions that enable the processor-based system to determine the cart's location.

15. (Original) The article of claim 14 further storing instructions that enable the processor-based system to push information to a cart depending on the cart's current location.

16. (Previously Presented) The article of claim 11 further storing instructions that enable the processor-based system to receive information from a plurality of sensors associated with the user, and extract position information from a plurality of tags sensed by each of the plurality of sensors to determine the position of the user.

17. (Original) The article of claim 11 further storing instructions that enable the processor-based system to receive identifying information from each of a plurality of wireless tags.

18. (Original) The article of claim 17 further storing instructions that enable the processor-based system to provide said information from said wireless tags to a server.

19. (Original) The article of claim 17 further storing instructions that enable the processor-based system to use the information from the wireless tags to determine the current location of the user.

20. (Canceled)

21. (Currently Amended) A system comprising:

~~a plurality of wireless tags;~~

~~a wireless sensor associated with a user;~~

a processor ~~associatable with a user~~; and

a storage coupled to said processor to determine the ~~user's~~ system's current position in a retail facility based on information from ~~said~~ wireless tags in said facility~~, and,~~ to wirelessly link a plurality of ~~shopping carts~~ systems within a retail facility through a local area network based in the retail facility and to enable the ~~carts~~ systems to exchange information between themselves through said network.

22. (Original) The system of claim 21 further including a wireless transceiver.

23. (Original) The system of claim 21 further including an interface to enable network communications.

24. (Original) The system of claim 21 wherein each of said wireless tags provides an identifying code to said wireless sensor.

25. (Original) The system of claim 21 including a plurality of wireless sensors associated with the user.

26. (Original) The system of claim 21 including a shopping cart, said wireless sensor and said processor mounted on said shopping cart.

27. (Original) The system of claim 21 including a wireless interface to communicate with a network.

28. (Original) The system of claim 27 wherein said processor forwards information from said tags through said wireless interface to said network.

29. (Original) The system of claim 21 including a server coupled to said network, said server receiving position identifying information from said sensor and providing advertising information to said processor.

30. (Cancelled)

31. (Previously Presented) The method of claim 1 including providing a route from the user's current position to a requested destination within said facility.

32. (Previously Presented) The article of claim 11 storing instructions that enable the processor based system to provide information about the route traveled from the user's current position to a requested destination.

Respectfully submitted,

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